



IFW16

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/774,936A

DATE: 07/21/2004  
TIME: 10:43:36

Input Set : A:\Sequence Listing.ST25.txt  
Output Set: N:\CRF4\07212004\I774936A.raw

3 <110> APPLICANT: Wyeth (American Home Products)  
4 Ozenberger, Bradley A  
5 Sofia, Heidi  
6 Jacobsen, Jack S  
7 Jonathan , Bard A  
8 Kajkowski, Eileen M  
9 Walker, Stephen G  
11 <120> TITLE OF INVENTION: BETA-AMYLOID PEPTIDE-BINDING PROTEINS AND POLYNUCLEOTIDES  
12 ENCODING THE SAME  
14 <130> FILE REFERENCE: 31896-066100 (AHP98126 1C1)  
C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/774,936A  
C--> 16 <141> CURRENT FILING DATE: 2001-01-31  
16 <150> PRIOR APPLICATION NUMBER: US 09/172,990  
17 <151> PRIOR FILING DATE: 1998-10-14  
19 <150> PRIOR APPLICATION NUMBER: US 09/060,609  
20 <151> PRIOR FILING DATE: 1998-04-15  
22 <150> PRIOR APPLICATION NUMBER: US 60/064,583  
23 <151> PRIOR FILING DATE: 1997-04-16  
25 <160> NUMBER OF SEQ ID NOS: 35  
27 <170> SOFTWARE: PatentIn version 3.2  
29 <210> SEQ ID NO: 1  
30 <211> LENGTH: 810  
31 <212> TYPE: DNA  
32 <213> ORGANISM: Homo sapiens  
35 <220> FEATURE:  
36 <221> NAME/KEY: CDS  
37 <222> LOCATION: (1)..(807)  
39 <400> SEQUENCE: 1  
40 atg cat att tta aaa ggg tct ccc aat gtg att cca cg<sup>48</sup>  
41 Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly  
42 1 5 10 15  
44 cag aag aac acg cga aga gac gga act ggc ctc tat cct atg cga ggt 96  
45 Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly  
46 20 25 30  
48 ccc ttt aag aac ctc gcc ctg ttg ccc ttc tcc ctc ccg ctc ctg ggc 144  
49 Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly  
50 35 40 45  
52 gga ggc gga agc gga agt ggc gag aaa gtg tcg gtc tcc aag atg gcg 192  
53 Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala  
54 50 55 60  
56 gcc gcc tgg ccg tct ggt ccg tct gct ccg gag gcc gtg acg gcc aga 240  
57 Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg  
58 65 70 75 80

ENTERED

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60	ctc	gtt	ggt	gtc	ctg	tgg	ttc	gtc	tca	gtc	act	aca	gga	ccc	tgg	ggg	288
61	Leu	Val	Gly	Val	Leu	Trp	Phe	Val	Ser	Val	Thr	Thr	Gly	Pro	Trp	Gly	
62					85				90						95		
64	gct	gtt	gcc	acc	tcc	gcc	ggg	ggc	gag	gag	tgc	ctt	aag	tgc	gag	gac	336
65	Ala	Val	Ala	Thr	Ser	Ala	Gly	Gly	Glu	Glu	Ser	Leu	Lys	Cys	Glu	Asp	
66						100			105					110			
68	ctc	aaa	gtg	gga	caa	tat	att	tgt	aaa	gat	cca	aaa	ata	aat	gac	gct	384
69	Leu	Lys	Val	Gly	Gln	Tyr	Ile	Cys	Lys	Asp	Pro	Lys	Ile	Asn	Asp	Ala	
70						115			120				125				
72	acg	caa	gaa	cca	gtt	aac	tgt	aca	aac	tac	aca	gct	cat	gtt	tcc	tgt	432
73	Thr	Gln	Glu	Pro	Val	Asn	Cys	Thr	Asn	Tyr	Thr	Ala	His	Val	Ser	Cys	
74						130			135				140				
76	ttt	cca	gca	ccc	aac	ata	act	tgt	aag	gat	tcc	agt	ggc	aat	gaa	aca	480
77	Phe	Pro	Ala	Pro	Asn	Ile	Thr	Cys	Lys	Asp	Ser	Ser	Gly	Asn	Glu	Thr	
78	145					150				155				160			
80	cat	ttt	act	ggg	aac	gaa	gtt	ggt	ttt	tcc	aag	ccc	ata	tct	tgc	cga	528
81	His	Phe	Thr	Gly	Asn	Glu	Val	Gly	Phe	Phe	Lys	Pro	Ile	Ser	Cys	Arg	
82						165				170				175			
84	aat	gta	aat	ggc	tat	tcc	tac	aaa	gtg	gca	gtc	gca	ttg	tct	tgc	ttt	576
85	Asn	Val	Asn	Gly	Tyr	Ser	Tyr	Lys	Val	Ala	Val	Ala	Leu	Ser	Leu	Phe	
86						180				185				190			
88	ctt	gga	tgg	ttg	gga	gca	gat	cga	ttt	tac	ctt	gga	tac	cct	gct	ttg	624
89	Leu	Gly	Trp	Leu	Gly	Ala	Asp	Arg	Phe	Tyr	Leu	Gly	Tyr	Pro	Ala	Leu	
90						195			200				205				
92	ggt	ttg	tta	aag	ttt	tgc	act	gta	ggg	ttt	tgt	gga	att	ggg	agc	cta	672
93	Gly	Leu	Leu	Lys	Phe	Cys	Thr	Val	Gly	Phe	Cys	Gly	Ile	Gly	Ser	Leu	
94						210			215				220				
96	att	gat	ttc	att	ctt	att	tca	atg	cag	att	gtt	gga	cct	tca	gat	gga	720
97	Ile	Asp	Phe	Ile	Leu	Ile	Ser	Met	Gln	Ile	Val	Gly	Pro	Ser	Asp	Gly	
98	225					230				235				240			
100	agt	agt	tac	att	ata	gat	tac	tat	gga	acc	aga	ctt	aca	aga	ctg	agt	768
101	Ser	Ser	Tyr	Ile	Ile	Asp	Tyr	Tyr	Gly	Thr	Arg	Leu	Thr	Arg	Leu	Ser	
102						245			250				255				
104	att	act	aat	gaa	aca	ttt	aga	aaa	acg	caa	tta	tat	cca	taa		810	
105	Ile	Thr	Asn	Glu	Thr	Phe	Arg	Lys	Thr	Gln	Leu	Tyr	Pro				
106						260			265								
109	<210>	SEQ	ID	NO:	2												
110	<211>	LENGTH:	269														
111	<212>	TYPE:	PRT														
112	<213>	ORGANISM:	Homo sapiens														
114	<400>	SEQUENCE:	2														
116	Met	His	Ile	Leu	Lys	Gly	Ser	Pro	Asn	Val	Ile	Pro	Arg	Ala	His	Gly	
117	1				5					10			15				
120	Gln	Lys	Asn	Thr	Arg	Arg	Asp	Gly	Thr	Gly	Leu	Tyr	Pro	Met	Arg	Gly	
121						20			25				30				
124	Pro	Phe	Lys	Asn	Leu	Ala	Leu	Leu	Pro	Phe	Ser	Leu	Pro	Leu	Leu	Gly	
125						35			40				45				
128	Gly	Gly	Gly	Ser	Gly	Ser	Gly	Glu	Lys	Val	Ser	Val	Ser	Lys	Met	Ala	
129						50			55				60				

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132 Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg  
 133 65 70 75 80  
 136 Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly  
 137 85 90 95  
 140 Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp  
 141 100 105 110  
 144 Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala  
 145 115 120 125  
 148 Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys  
 149 130 135 140  
 152 Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr  
 153 145 150 155 160  
 156 His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg  
 157 165 170 175  
 160 Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe  
 161 180 185 190  
 164 Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu  
 165 195 200 205  
 168 Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu  
 169 210 215 220  
 172 Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly  
 173 225 230 235 240  
 176 Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser  
 177 245 250 255  
 180 Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro  
 181 260 265  
 184 <210> SEQ ID NO: 3  
 185 <211> LENGTH: 21  
 186 <212> TYPE: DNA  
 187 <213> ORGANISM: Artificial  
 189 <220> FEATURE:  
 190 <223> OTHER INFORMATION: PCR Primer  
 192 <400> SEQUENCE: 3  
 193 ccatggatgc agaattccga c 21  
 196 <210> SEQ ID NO: 4  
 197 <211> LENGTH: 32  
 198 <212> TYPE: DNA  
 199 <213> ORGANISM: Artificial  
 201 <220> FEATURE:  
 202 <223> OTHER INFORMATION: PCR Primer  
 204 <400> SEQUENCE: 4  
 205 aagcttgcg acttacgcta tgacaacacc gc 32  
 208 <210> SEQ ID NO: 5  
 209 <211> LENGTH: 28  
 210 <212> TYPE: DNA  
 211 <213> ORGANISM: Artificial  
 213 <220> FEATURE:  
 214 <223> OTHER INFORMATION: PCR Primer  
 216 <400> SEQUENCE: 5

## RAW SEQUENCE LISTING

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Input Set : A:\Sequence Listing.ST25.txt  
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217 aagcttaaga tggatgcaga attccgac 28  
 220 <210> SEQ ID NO: 6  
 221 <211> LENGTH: 20  
 222 <212> TYPE: DNA  
 223 <213> ORGANISM: Artificial  
 225 <220> FEATURE:  
 226 <223> OTHER INFORMATION: PCR Primer  
 228 <400> SEQUENCE: 6  
 229 tttaataccca ctacaatgga 20  
 232 <210> SEQ ID NO: 7  
 233 <211> LENGTH: 21  
 234 <212> TYPE: DNA  
 235 <213> ORGANISM: Artificial  
 237 <220> FEATURE:  
 238 <223> OTHER INFORMATION: PCR Primer  
 240 <400> SEQUENCE: 7  
 241 ttttcagttt ctacgattca t 21  
 244 <210> SEQ ID NO: 8  
 245 <211> LENGTH: 21  
 246 <212> TYPE: DNA  
 247 <213> ORGANISM: Artificial  
 249 <220> FEATURE:  
 250 <223> OTHER INFORMATION: PCR Primer  
 252 <400> SEQUENCE: 8  
 253 tttaataccca ctacaatgga t 21  
 256 <210> SEQ ID NO: 9  
 257 <211> LENGTH: 29  
 258 <212> TYPE: DNA  
 259 <213> ORGANISM: Artificial  
 261 <220> FEATURE:  
 262 <223> OTHER INFORMATION: PCR Primer  
 264 <400> SEQUENCE: 9  
 265 ctcgagttaa aatcgatctg ctcccaacc 29  
 268 <210> SEQ ID NO: 10  
 269 <211> LENGTH: 26  
 270 <212> TYPE: DNA  
 271 <213> ORGANISM: Artificial  
 273 <220> FEATURE:  
 274 <223> OTHER INFORMATION: PCR Primer  
 276 <400> SEQUENCE: 10  
 277 gaattccaaa aataaatgac gctacg 26  
 280 <210> SEQ ID NO: 11  
 281 <211> LENGTH: 29  
 282 <212> TYPE: DNA  
 283 <213> ORGANISM: Artificial  
 285 <220> FEATURE:  
 286 <223> OTHER INFORMATION: PCR Primer  
 288 <400> SEQUENCE: 11  
 289 ctcgagtcaa gatatggct tgaaaaaac 29

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Input Set : A:\Sequence Listing.ST25.txt  
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292 <210> SEQ ID NO: 12  
 293 <211> LENGTH: 30  
 294 <212> TYPE: DNA  
 295 <213> ORGANISM: Artificial  
 297 <220> FEATURE:  
 298 <223> OTHER INFORMATION: PCR Primer  
 300 <400> SEQUENCE: 12  
 301 ccttccatgg aagtggcagt cgcattgtct 30  
 304 <210> SEQ ID NO: 13  
 305 <211> LENGTH: 32  
 306 <212> TYPE: DNA  
 307 <213> ORGANISM: Artificial  
 309 <220> FEATURE:  
 310 <223> OTHER INFORMATION: PCR Primer  
 312 <400> SEQUENCE: 13  
 313 aacactcgag tcaaaaccct acagtgcacaa ac 32  
 316 <210> SEQ ID NO: 14  
 317 <211> LENGTH: 22  
 318 <212> TYPE: DNA  
 319 <213> ORGANISM: Artificial  
 321 <220> FEATURE:  
 322 <223> OTHER INFORMATION: PCR Primer  
 324 <400> SEQUENCE: 14  
 325 gtggatccac tgcttcgagg at 22  
 328 <210> SEQ ID NO: 15  
 329 <211> LENGTH: 28  
 330 <212> TYPE: DNA  
 331 <213> ORGANISM: Artificial  
 333 <220> FEATURE:  
 334 <223> OTHER INFORMATION: PCR Primer  
 336 <400> SEQUENCE: 15  
 337 gtcgacgggtt gctatacagg acaagagg 28  
 340 <210> SEQ ID NO: 16  
 341 <211> LENGTH: 22  
 342 <212> TYPE: DNA  
 343 <213> ORGANISM: Artificial  
 345 <220> FEATURE:  
 346 <223> OTHER INFORMATION: PCR Primer  
 348 <400> SEQUENCE: 16  
 349 gtggatccag tgcttcaatg at 22  
 352 <210> SEQ ID NO: 17  
 353 <211> LENGTH: 28  
 354 <212> TYPE: DNA  
 355 <213> ORGANISM: Artificial  
 357 <220> FEATURE:  
 358 <223> OTHER INFORMATION: PCR Primer  
 360 <400> SEQUENCE: 17  
 361 gtcgactaaa tttgggcgtt cccttctt 28  
 364 <210> SEQ ID NO: 18

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/21/2004  
PATENT APPLICATION: US/09/774,936A TIME: 10:43:37

Input Set : A:\Sequence Listing.ST25.txt  
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### Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,24,25,27,29,30,31,32,33  
Seq#:34,35

**VERIFICATION SUMMARY**

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Input Set : A:\Sequence Listing.ST25.txt

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L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date